

3rd International Conference on Innovations in Data Science

ICIDS 2026

DIGITAL SESSION SCHEDULE

11 September 2026 | 10:00 AM – 12:00 PM (IST)

Digital Session Overview

Session	Session Moderator	Student Coordinator	Session Chair	Keynote
Session 1	Dr. Aprna Tripathi	Shreya Shukla	Dr. Bibek Kumar & Ms. Archaana Pattabhi	Ms. Archaana Pattabhi & Mr. Sourabh Kukar
Session 2	Dr. Anil Prajapati	Apurv Harsh	Dr. Shiv Shankar Rajpur & Mr. Sabarinath Yada	Mr. Pareshkumar Sumanbhai Patel
Session 3	Dr. Ram Kumar	Prateek Singh	Dr. Chandra Prakash & Dr. Aditya Dev Mishra	Mr. Venkata Krishna Ramesh Kumar
Session 4	Dr. Ginika Mahajan	Shreya Aigal	Dr. Deepak K Verma & Dr. Ajay Kumar	Mr. Sasidhar Reddy Somula
Session 5	Dr. Neha V Sharma	NC Sree Amrutha Varshini	Dr. Tapan Nahar & Mr. Madhu Sudan Gandotra	Mr. Ankit Srivastava & Mr. Rupesh Shirke
Session 6	Dr. Malvinder Singh Bali	Jatin Sangewar	Dr. Rituraj Jain & Mr. Dhanunjay Reddy Seelam	Mr. Ramesh Krishna Mahimalur
Session 7	Ms Ruchika Katariya	Meetakshi Sinha	Dr. Dipesh Vaya & Mr. Vijay Chandra	Ms. Naga Bhuvaneswari Chinnam
Session 8	Ms Shatabdi Basu	Abhinav Aryan	Mr. Chandra Singh Parmar & Mr. Mallikarjun	Mr. Rishith Chinthamani & Mr. Mallikarjun
Session 9	Dr. Avita Katal	Shreyansh Sinha	Dr. Abhishek Tiwari & Dr. Prasenjit Sinha	Mr. Satyanarayana Varma Gadiraju

Session 10	Dr. Sanjeev Kumar Ojha	Velani Ved Chandulal	Ms. Upasana Tiwari & Mr. Phani Sai Manohar Gandrakota	Mr. Abhinav Sharma & Mr. Saurabh Kakkar
Session 11	Dr. Kanika	Tanmay Gaikwad	Dr. Pallavi Joshi & Mr. Siva Sudheer Mahadasu	Mr. Rinu Dhanaraj & Mr. Rajesh Gangula
Session 12	Dr. Pankaj Pandey	Kirtika	Dr. Santosh K Vishwakarma & Mr. Raman Vasikarla	Mr. Raman Vasikarla
Session 13	Dr. Rekha Chaturvedi	Isha Patel	Dr. Firdos Shaikh & Dr. Rahul Azmeera	Mr. Sachin Sardana & Mr. Pinaki Banerjee
Session 14	Dr. Santosh Rajak	Madhav Agarwal	Dr. Bijesh Dhyani & Mr. Raja Kumara Swamy	Mr. Raja Kumara Swamy & Mr. Navdeep Singh
Session 15	Dr. Pooja Gupta	Ashish Meena	Dr. Ganpat Joshi & Mr. Venkata Nagendra Satyam	Mr. Manivannan Mari & Mr. Harish Kant Pathak

All 15 digital sessions are scheduled concurrently from 10:00 AM to 12:00 PM (IST).

SESSION 1 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Aprna Tripathi	STUDENT COORDINATOR	Shreya Shukla
KEYNOTE SPEAKER	Ms. Archaana Pattabhi & Mr. Sourabh Kukar	SESSION CHAIR	Dr. Bibek Kumar & Ms. Archaana Pattabhi

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
8	Multimodal Robocall Detection Using Textual Scam Analysis and Audio Spoof Detection with Fusion-Based Threat Scoring	Aarthi A
12	A review on the bifurcating impact of generative AI on linguistic science	Neal Swani
168	Empirical Investigation of Reward Function Design in Shaping LLM Alignment	Garima Jain
182	Weed Detection in Wheat Fields: A Comparative Study of InceptionV3, U-Net, GoogleNet, VGG19, and Xception	Jatin
212	Role of ANN in Identifying the Influence of Pricing Strategies on Reservation Decision Outcomes	Lokesh Sharma

Session format: Digital presentations as per the scheduled session.

SESSION 2 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Anil Prajapati	STUDENT COORDINATOR	Apurv Harsh
KEYNOTE SPEAKER	Mr. Pareshkumar Sumanbhai Patel	SESSION CHAIR	Dr. Shiv Shankar Rajpur & Mr. Sabarinath Yada

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
92	Development of CMFNET: A Generative Ai-Powered Model for Enhanced Image Dehazing	Anil Kumar Vishwakarma
217	Restaurant Survival Prediction using Machine Learning: A Comprehensive Data-Driven Analysis of Closure Factors in the Indian Food Service Industry	Shivansh Semwal
258	AI-Based Multi-Class Diagnosis of Lung Diseases Using Chest X-Ray Images	Aman Raghav
401	Data-Driven Computational Intelligence Model for Predicting Employee Work-Life Balance Dynamics	Pragati Sharma
432	EEF-XIDS: A Quantitative Explainable and Lightweight Intrusion Detection Framework for User-Centric IoT Security	Shiva Gupta

Session format: Digital presentations as per the scheduled session.

SESSION 3 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Ram Kumar	STUDENT COORDINATOR	Prateek Singh
KEYNOTE SPEAKER	Mr. Venkata Krishna Ramesh Kumar	SESSION CHAIR	Dr. Chandra Prakash & Dr. Aditya Dev Mishra

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
6	IoT-Enabled Smart Maintenance System Using Ensemble Learning for Fault Prediction	Maubica S
38	Multimodal Explainable AI System for Early Parkinson's Disease Identification Analysing Voice and Script Analysis	Ashutosh Sharma
154	Deep Learning-Based Hierarchical Model for Classification of Breast Cancer Subtypes Using Histopathological Images	Diwaker
351	APFL-IDS: A Privacy-Preserving Adaptive Federated Learning Framework for IoT Intrusion Detection	Vipin Kumar Kushwaha
418	Comparative Evaluation of Machine Learning and Deep Learning Approaches for Software Project Effort Estimation: From ANN to Deep Representations	Poornima Shirmali

Session format: Digital presentations as per the scheduled session.

SESSION 4 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Ginika Mahajan	STUDENT COORDINATOR	Shreya Aigal
KEYNOTE SPEAKER	Mr. Sasidhar Reddy Somula	SESSION CHAIR	Dr. Deepak K Verma & Dr. Ajay Kumar

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
62	A Device-Aware Application-Layer Zero Trust Framework with Dynamic Trust-Based Enforcement	Yash Tukaram Bhole
192	AI-Driven Autonomous Supply Chain Systems: Architecture, Applications, and Future Directions	Dr. Ganga Singh Chouhan
194	ANN-Based Optimization of Telepharmacy Inventory Management for Improved Patient Satisfaction and Medication Access	Girish B J
234	A Central Tendency Based Missing Value Recovery Method for Big Data Population Analytics	Sneh B. Patel
513	LSTM-Based Hybrid AI Framework for Energy Demand Forecasting	Divya Purohit

Session format: Digital presentations as per the scheduled session.

SESSION 5 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Neha V Sharma	STUDENT COORDINATOR	NC Sree Amrutha Varshini
KEYNOTE SPEAKER	Mr. Ankit Srivastava & Mr. Rupesh Shirke	SESSION CHAIR	Dr. Tapan Nahar & Mr. Madhu Sudan Gandotra

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
10	An Explainable Unsupervised Ensemble Framework for Insider Threat Detection	Vanmayi Kulkarni
102	A TriSAFE TabPFN Framework for Reliable Postpartum Depression Risk Prediction Using Calibrated and Uncertainty Aware Machine Learning	Yashi Katiyar, Palak Bhardwaj
122	AI-Based Automated School Pickup System Using License Plate Recognition and Privacy-Preserving Verification	Prince Chouhan
137	Mathematical Foundation and Advances in Computational Security and Cryptographic Technologies through Artificial intelligence, Machine Learning, and Multimedia Analytics	Dr Ganpat Joshi
181	Sentinel XAI: A Context-Aware and Explainable Framework for Personalised Recruitment Fraud Detection	Ankit Mayur Dand

Session format: Digital presentations as per the scheduled session.

SESSION 6 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Malvinder Singh Bali	STUDENT COORDINATOR	Jatin Sangewar
KEYNOTE SPEAKER	Mr. Ramesh Krishna Mahimalur	SESSION CHAIR	Dr. Rituraj Jain & Mr. Dhanunjay Reddy Seelam

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
149	Crop Yield Prediction System using KNN Algorithm	Tushar
151	Optimized Artificial Neural Network Modeling of Pittsburgh Sleep Quality Index (PSQI) Using Multi-Objective Particle Swarm Optimization	Pourush Sharma
191	AI-Driven Customer Behavior Tracking Using Computer Vision for Retail Store Optimization	Dr. Ganga Singh Chouhan
328	From Model Accuracy to Clinical Infrastructure A Readiness Framework for AI-Based Diabetic Retinopathy Screening	Nishi Doshi
441	Intelligent Permutation Strategy for Firmware Integrity and Trustworthy Remote Attestation in IoT Edge Networks	Anisha Sheikh

Session format: Digital presentations as per the scheduled session.

SESSION 7 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Ms Ruchika Katariya	STUDENT COORDINATOR	Meetakshi Sinha
KEYNOTE SPEAKER	Ms. Naga Bhuvaneswari Chinnam	SESSION CHAIR	Dr. Dipesh Vaya & Mr. Vijay Chandra

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
31	A Data-Driven Approach for Predicting Gaseous Emissions in Urban Environments	Aaryan Chaudhari
81	Beyond Monolithic Evaluation: A Phase-Aware Multi-Agent Framework for Computer Chess	Gauransh Kalla
87	A Lightweight Color Harmonization Plugin for Artistic and Forensic Image Applications	Disha Vadoliya
162	Hybrid Transformer-Based Text Embedding Framework for Semantic Book Recommendation	Kirti Soni
458	Design and Implementation of Deep CNN Models for Early Breast Cancer Diagnosis Using Histopathological Images	Kuldeep Bairwa

Session format: Digital presentations as per the scheduled session.

SESSION 8 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Ms Shatabdi Basu	STUDENT COORDINATOR	Abhinav Aryan
KEYNOTE SPEAKER	Mr. Rishith Chinthamani & Mr. Mallikarjun	SESSION CHAIR	Mr. Chandra Singh Parmar & Mr. Mallikarjun

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
114	RolePrep: An AI-Driven Intelligent Interview Simulator	Ghazal Johri
123	Adversarial Machine Learning Attack in Cybersecurity Defense System	Pranav Saidwal
196	Plant Virus Database Enhanced by Machine Learning Driven Computer Modelling and Simulation	Tripti Shrivastava
225	Intelligent Nutrient Management System in Hydroponic Farming using Machine Learning Techniques	Adamya Thakur
555	Detection of Healthy and Diseased Artocarpus Heterophyllus (Jackfruit) Using YOLO-Based Bounding Box Annotation and Faster R-CNN	Ian Celmar Alicaya Avila

Session format: Digital presentations as per the scheduled session.

SESSION 9 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Avita Katal	STUDENT COORDINATOR	Shreyansh Sinha
KEYNOTE SPEAKER	Mr. Satyanarayana Varma Gadiraju	SESSION CHAIR	Dr. Abhishek Tiwari & Dr. Prasenjit Sinha

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
7	Evaluating Real-World Robustness of Transformer-Based Fake News Detection Models	Samarth Raina
29	Bio-Inspired Inertia-Weighted Salp Swarm Optimization for Wrapper-Based Feature Selection in Microarray Data	Neha
359	AI-Assisted Financial Assessment Models for Employee Loan Programs in Large Enterprises	Prashant Vats
402	Multi-Agent Reinforcement Learning for Adaptive IoT Routing	Nikhil Vijay
412	Machine Learning-Based Analysis of Innovative Pedagogies in Chemistry Education under NEP 2020 in India	Geeta Dhanjani

Session format: Digital presentations as per the scheduled session.

SESSION 10 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Sanjeev Kumar Ojha	STUDENT COORDINATOR	Velani Ved Chandulal
KEYNOTE SPEAKER	Mr. Abhinav Sharma & Mr. Saurabh Kakkar	SESSION CHAIR	Ms. Upasana Tiwari & Mr. Phani Sai Manohar Gandrakota

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
4	AI based Virtual Personal Stylist (Abvps)	Tushar Tyagi
135	Cross-Dataset Generalization in Deepfake Detection: An Explainable Hybrid Fusion Approach	Bhagya Shree Sharma
183	A Statistically Rigorous, Leakage-Free Adaptive Ensemble Stacking Framework for Breast Cancer Classification Using Nested Cross-Validation	Simranjeet Kaur
236	An AI-Enabled MERN Stack Based E-Learning Progressive Web Application	Shivam Kumar Singh
413	Machine Learning-Based Analysis of Experiential Learning Pedagogies for Enhancing Student Outcomes in Chemistry Education under NEP-2020	Geeta Dhanjani

Session format: Digital presentations as per the scheduled session.

SESSION 11 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Kanika	STUDENT COORDINATOR	Tanmay Gaikwad
KEYNOTE SPEAKER	Mr. Rinu Dhanaraj & Mr. Rajesh Gangula	SESSION CHAIR	Dr. Pallavi Joshi & Mr. Siva Sudheer Mahadasu

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
33	Intelligent Customer Churn Prediction: A Comprehensive Machine Learning and Deep Learning Approach for Telecom Industry	Nelavelli Srilakshmi
136	Integrating Sentiment Analysis into Trading Strategies: A Hybrid Approach	Tonishika
261	Constitutional AI and RLHF for Large Language Model Alignment: A Systematic Review and Benchmark-Grounded Evaluation Framework	Praveen Borra
552	A Cloud-Integrated AIoT Framework for Intelligent Water Quality and Water Level Monitoring	Om Prakash Suthar
559	Image-based Detection of Papaya Freshness and Market Readiness	Reynold G. Bustillo

Session format: Digital presentations as per the scheduled session.

SESSION 12 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Pankaj Pandey	STUDENT COORDINATOR	Kirtika
KEYNOTE SPEAKER	Mr. Raman Vasikarla	SESSION CHAIR	Dr. Santosh K Vishwakarma & Mr. Raman Vasikarla

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
35	Enhanced zero-day attack detection for intrusion detection systems using CT-GAN in Security Operations Center	Pfungwa Calvin Mugaari
103	AI for Crisis: A Multi-Model Approach to Disaster Recovery and Management	Garv Tandon
195	Spectral Analysis of Neural Networks for Autonomous Systems	Mohd. Farman Ali
419	A Topic Modeling Based Sentiment Analysis Framework for Quick-Commerce Applications Using LDA and Hybrid Transformer-LLM Model	Samrat Sarkar
565	CoffeeCare AI: AI-Powered Mobile Platform for Coffee Disease Diagnosis and Smart Farming	John Raymund D. Calderon

Session format: Digital presentations as per the scheduled session.

SESSION 13 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Rekha Chaturvedi	STUDENT COORDINATOR	Isha Patel
KEYNOTE SPEAKER	Mr. Sachin Sardana & Mr. Pinaki Banerjee	SESSION CHAIR	Dr. Firdos Shaikh & Dr. Rahul Azmeera

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
69	Smart Agriculture Decision Support System Using Deep Feature Fusion and Classical Machine Learning Models	Daggula Koti Reddy
101	Deterministic Problem Variant Generation for Adaptive Coding Practice Platforms	Md Faizan Khan
411	A Hybrid AI–Blockchain Framework for Forecast-Driven Smart Energy Trading	Phidaiaibha Syiemlieh
442	Object Detection Approach based on Deep Learning for Autonomous Navigation Systems in Real-Time Systems	Kuldeep Khatik
554	Development and Evaluation of a Web-Based Deep Learning System for Automated Jackfruit Disease Detection Using YOLO11	Kraevee Vaulfer M. Ramada

Session format: Digital presentations as per the scheduled session.

SESSION 14 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Santosh Rajak	STUDENT COORDINATOR	Madhav Agarwal
KEYNOTE SPEAKER	Mr. Raja Kumara Swamy & Mr. Navdeep Singh	SESSION CHAIR	Dr. Bijesh Dhyani & Mr. Raja Kumara Swamy

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
85	Performance Evaluation of Edge AI Models for Smart Healthcare IoT Systems	Varun Tiwari
152	SENTINEL: Integrating Geopolitical Sentiment Signals into Temporal Fusion Transformers for Crisis-Resilient Energy Demand Forecasting	Gagan Deep G
297	Next-Generation ACL Surgery: A Synergistic AI–Robotic–Arthroscopic Optimization Framework	Archana N. Ulmek
404	HOG-GLCM-Based Bone Fracture Classification from X-Ray Images Using SVM and RF	Nikhil Vijay
566	An AI-Based Multimodal Framework for Cacao Disease Classification with Integrated Treatment, GIS Mapping, and E-Commerce Support	Eric John D. Celis

Session format: Digital presentations as per the scheduled session.

SESSION 15 | DIGITAL

DATE	11 September 2026	TIME	10:00 AM – 12:00 PM (IST)
SESSION MODERATOR	Dr. Pooja Gupta	STUDENT COORDINATOR	Ashish Meena
KEYNOTE SPEAKER	Mr. Manivannan Mari & Mr. Harish Kant Pathak	SESSION CHAIR	Dr. Ganpat Joshi & Mr. Venkata Nagendra Satyam

PAPER PRESENTATIONS

Paper ID	Paper Title	Presenter
57	AI-Based Crop Yield Prediction Using Machine Learning Models: A Gradient Descent Approach on Indian Agricultural Data	Gaurav Monga
64	Fertilizer and Crop Recommendation System Based on Soil Parameters Using Machine Learning	Venkata Siva Sowmya Allam
118	A Hybrid BERT–BiLSTM Framework for Cyberbullying Detection in Online Social Platforms	Mayank Agrawal
218	An Empirical Analysis of RoBERTa and ALBERT for Cyberbullying Text Classification	Shalini Agrahari
586	Smartphone Image-Based Early Postharvest Age Classification of Green Calamansi (Citrofortunella microcarpa) Using Lightweight Deep Learning	Las Johansen Caluza, Steven Renbert Cajipe

Session format: Digital presentations as per the scheduled session.